

Image 2821

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. 01070074AA	
In Re Application Of: Y. Maruta					
Application No. 10/509,017	Filing Date 09/27/2004	Examiner Not Assigned	Customer No. 30743	Group Art Unit 2821	Confirmation No. 1245
Title: MULTI-BEAM ANTENNA TRANSMITTER/RECEIVER AND TRANSMITTING/RECEIVING METHOD AND TRANSMISSION BEAM SELECTION METHOD					
Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
37 CFR 1.97(b)					
1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.					
37 CFR 1.97(c)					
2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:					
<input type="checkbox"/> the statement specified in 37 CFR 1.97(e);					
OR					
<input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).					

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
01070074AA

In Re Application: Y. Maruta

MAR 31 2005

Application No. 10/509,017	Filing Date 09/27/2004	Examiner Not Assigned	Customer No. 30743	Group Art Unit 2821	Confirmation No. 1245
-------------------------------	---------------------------	--------------------------	-----------------------	------------------------	--------------------------

Title: **MULTI-BEAM ANTENNA TRANSMITTER/RECEIVER AND TRANSMITTING/RECEIVING METHOD AND TRANSMISSION BEAM SELECTION METHOD**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-2041 as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. \_\_\_\_\_)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Typed or Printed Name of Person Signing Certificate

**Certificate of Mailing by First Class Mail**

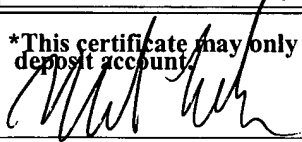
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on \_\_\_\_\_

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Signature of Person Mailing Correspondence

\_\_\_\_\_  
Typed or Printed Name of Person Mailing Certificate

**\*This certificate may only be used if paying by deposit account.**



\_\_\_\_\_  
Signature

Dated: March 31, 2005

Michael E. Whitham

Reg. No. 32,635

Whitham, Curtis & Christofferson, P.C.  
11491 Sunset Hills Road, Suite 340  
Reston, VA 20190  
(703) 787-9400

CC:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re patent application of

Y. Maruta

Serial No.: 10/509,017

Group Art Unit: 2821

Filed: September 27, 2004

Examiner: Not Assigned

For: **MULTI-BEAM ANTENNA TRANSMITTER/RECEIVER AND  
TRANSMITTING/RECEIVING METHOD AND TRANSMISSION BEAM  
SELECTION METHOD**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Under the provisions of 37 C.F.R. 1.97 through 1.98 and pursuant to applicant's duty of disclosure under 37 C.F.R. 1.56, applicant respectfully brings the following documents listed in the attached from PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents is provided herewith for the convenience of the Examiner.

The present Information Disclosure Statement is being filed no later than three months from the application's filing date and/or before the mailing date of an Office Action on the merits, whichever is later.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the documents be considered by the Examiner and formally made of record in this application.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael E. Whitham".

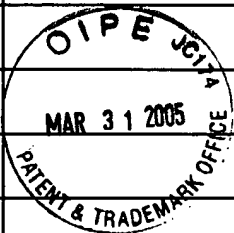
Michael E. Whitham  
Reg. No. 32,635

Whitham, Curtis & Christofferson, P.C.  
11491 Sunset Hills Road, Suite 340  
Reston, VA 20190  
(703) 787-9400  
**Customer Number 30743**

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>01070074AA</b>	Application Number <b>10/509,017</b>
	Applicant(s) <b>Y. Maruta</b>	
	Filing Date <b>09/27/2004</b>	Group Art Unit <b>2821</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE



**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		05-41607	02/19/1993	Japan	ABSTRA	CT		
		10-285092	10/23/1998	Japan	ABSTRA	CT		
		2001-251233	19/14/2001	Japan	ABSTRA	CT		

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.